Work Order ID 121723

July-02-14 9:54:32 AM

121723

SEP 3 2 2014

Item ID: D350-822-011 **Accept** *N900040100* **Setup Start** *NS1*

Revision ID: **Stop** *NS2*

Item Name: PA100 PUREair System for the AS350/EC130

Start Date: 7/02/14 **Start Qty:** 1.00 *1*

Required Date: 7/02/14 **Req'd Qty:** 1.00 *1*

Reference:

Cust Item ID:

Customer:

Run Start *NR1*

Stop *NR2*

Approvals: **Process Plan:** ML5 **Date:** 14-07-02 **Tooling:** _____ **Date:** _____

QC: _____ **Date:** _____ **SPC (Y/N):** _____ **Date:** _____

Draw Nbr	Revision Nbr
IIN-D350-822	C

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
100	DOCUMENT CONTROL	0.00				1			DAS 38 9-89 14-10-2
100									
DC	**Memo**	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP D350-822-011 CHG003								
110	Pick Kit	0.00				DAS 32 9-89	14/9/24	(1)	DAS 06 9-89
110									
Packaging	**Memo**	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00				1			DAS 38 9-89 14-10-2
120									
QC	**Memo**	0.00							
Quality Control									

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date:

Work Order update only ☐

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐
Suspected Unapproved ☐

AGAINST DEPARTMENT/PROCESS

Skid-tube ☐ Crosstube ☐ Water Jet ☐ Engineering ☐
Machining ☐ Small Fab ☐ Prod. Eng. Coor. ☐ Quality ☐
Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐
Large Fab ☐ Composite ☐ Supplier ☐

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design	☐									
Doc/Data	☐									
Equip/Tooling	☐									
Handling/Pre	☐									
Material	☐									
Operator	☐									
Offset/Setup	☐									
Process	☐									
Supplier	☐									
Training	☐									
Transport	☐									
Unapproved	☐									

FAULT CATEGORY

Landing Gear

☐ Bending
☐ Centre Not Concentric
☐ Cracks
☐ Crimp/Kink/Ripple/Wave
☐ Cuffs
☐ Crushing
☐ Heat Treat
☐ Inspection Strip in Tube
☐ Marks/Chatter
☐ Turning Sequence
☐ Wave/Twist in Tube

General

☐ Bend
☐ BOM/Route
☐ Broken/Damage/Defect
☐ Burrs
☐ Contamination
☐ Countersink
☐ Cut Too Short
☐ Drawing
☐ Drill Holes
☐ Finish
☐ Fit/Function
☐ Folio/Program
☐ Grain
☐ Hardware
☐ Inspection Incomplete/Unqualified
☐ Instructions Incomplete/Unclear
☐ Misaligned/off center
☐ Mislabeled
☐ Misread
☐ Off-set
☐ Out of Calibration
☐ Out of Sequence
☐ Outside Dimensions
☐ Over/Under tolerance
☐ Part Incorrect
☐ Part Lost/Missing
☐ Part Moved
☐ Positioned Wrong
☐ Power Loss/Surge
☐ Pressure/Forced
☐ Set-up
☐ Temperature/Cure
☐ Weld
☐ Wrong Stock Pulled
☐ Other

_____
_____
_____

Item ID: D350-822-011 **Accept** *N900040100* **Setup Start** *NS1*
Revision ID: **Stop** *NS2*
Item Name: PA100 PUREair System for the AS350/EC130
Start Date: 7/02/14 **Start Qty:** 1.00 *1*
Required Date: 7/02/14 **Req'd Qty:** 1.00 *1*
Reference:
Cust Item ID:
Customer:

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____
QC: _____ **Date:** _____ **SPC (Y/N):** _____ **Date:** _____

Run Start *NR1*
Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
125	Consignment Stock	0.00							
125									
Outsourc10	**Memo**	0.00							
Consignment stock	Issue PO to GL account 50000-25 to LEAVE W/O OPEN UNTIL SOLD Pall for amount sold on sales order S/O 118486 according to sales price see Warran for amount. PO can be received immediately and given to finance in order to close work order.								
130	Packaging	0.00							
130									
Packaging	**Memo**	0.00							
Packaging	Identify and pack for shipping as per PPP D350-822-011 Location:_____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	**Memo**	0.00							
Quality Control									

Ø value for evaluation

14-10-09

OCT 23 2014

DAS 06 9-89

MLS 14-10-23

WL 10.08

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date: Work Order update only ☐

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐
Suspected Unapproved ☐

AGAINST DEPARTMENT/PROCESS

Skid-tube ☐ Crosstube ☐ Water Jet ☐ Engineering ☐
Machining ☐ Small Fab ☐ Prod. Eng. Coor. ☐ Quality ☐
Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐
Large Fab ☐ Composite ☐ Supplier ☐

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design	☐									
Doc/Data	☐									
Equip/Tooling	☐									
Handling/Pre	☐									
Material	☐									
Operator	☐									
Offset/Setup	☐									
Process	☐									
Supplier	☐									
Training	☐									
Transport	☐									
Unapproved	☐									

FAULT CATEGORY

Landing Gear

☐ Bending
☐ Centre Not Concentric
☐ Cracks
☐ Crimp/Kink/Ripple/Wave
☐ Cuffs
☐ Crushing
☐ Heat Treat
☐ Inspection Strip in Tube
☐ Marks/Chatter
☐ Turning Sequence
☐ Wave/Twist in Tube

General

☐ Bend
☐ BOM/Route
☐ Broken/Damage/Defect
☐ Burrs
☐ Contamination
☐ Countersink
☐ Cut Too Short
☐ Drawing
☐ Drill Holes
☐ Finish
☐ Fit/Function

☐ Folio/Program
☐ Grain
☐ Hardware
☐ Inspection Incomplete/Unqualified
☐ Instructions Incomplete/Unclear
☐ Misaligned/off center
☐ Mislabeled
☐ Misread
☐ Off-set
☐ Out of Calibration
☐ Out of Sequence

☐ Outside Dimensions
☐ Over/Under tolerance
☐ Part Incorrect
☐ Part Lost/Missing
☐ Part Moved
☐ Positioned Wrong
☐ Power Loss/Surge

☐ Pressure/Forced
☐ Set-up
☐ Temperature/Cure
☐ Weld
☐ Wrong Stock Pulled

☐ Other

_____
_____
_____

Picklist Print

July-02-14 9:54:35 AM

Work Order ID: 121723 *121723*

Parent Item: D350-822-011 *D350-822-011*

Parent Item Name: PA100 PUREair System for the AS350/EC130

Start Date: 7/02/14 **Required Date:** 7/02/14

Start Qty: 1.00 **Required Qty:** 1.00

Comments: IPP REV:A 14.02.20 NEW ISSUE DD VERF:JLM IPP
REV:B 14.06.18 AS PER IIN REV.C DD VERF:JLM

Component Item ID / Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
QB21304 *QB21304* PUREair Panel Assembly		Purchased	No				Each	13.0000	**	1			DAS 06 9-89
				Location			**Loc Qty**		**Loc Code**				
				MEZZ2			13						
					m129631		9						
					m129632		4						
QB21310 *QB21310* Transition Duct Assembly		Purchased	No				Each	13.0000	**	1			DAS 06 9-89
				Location			**Loc Qty**		**Loc Code**				
				MEZZ2			13						
					m129631		9						
					m129632		4						
QB21308 *QB21308* Fod Screen Assembly		Purchased	No				Each	13.0000	**	1			DAS 06 9-89
				Location			**Loc Qty**		**Loc Code**				
				MEZZ2			13						
					m129631		9						
					m129632		4						

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

DART AEROSPACE

QA Closed: Date: Work Order update only ☐

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐
Suspected Unapproved ☐

AGAINST DEPARTMENT/PROCESS

Skid-tube ☐ Crosstube ☐ Water Jet ☐ Engineering ☐
Machining ☐ Small Fab ☐ Prod. Eng. Coor. ☐ Quality ☐
Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐
Large Fab ☐ Composite ☐ Supplier ☐

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design	☐									
Doc/Data	☐									
Equip/Tooling	☐									
Handling/Pre	☐									
Material	☐									
Operator	☐									
Offset/Setup	☐									
Process	☐									
Supplier	☐									
Training	☐									
Transport	☐									
Unapproved	☐									

FAULT CATEGORY

Landing Gear

☐ Bending
☐ Centre Not Concentric
☐ Cracks
☐ Crimp/Kink/Ripple/Wave
☐ Cuffs
☐ Crushing
☐ Heat Treat
☐ Inspection Strip in Tube
☐ Marks/Chatter
☐ Turning Sequence
☐ Wave/Twist in Tube

General

☐ Bend
☐ BOM/Route
☐ Broken/Damage/Defect
☐ Burrs
☐ Contamination
☐ Countersink
☐ Cut Too Short
☐ Drawing
☐ Drill Holes
☐ Finish
☐ Fit/Function
☐ Folio/Program
☐ Grain
☐ Hardware
☐ Inspection Incomplete/Unqualified
☐ Instructions Incomplete/Unclear
☐ Misaligned/off center
☐ Mislabeled
☐ Misread
☐ Off-set
☐ Out of Calibration
☐ Out of Sequence
☐ Outside Dimensions
☐ Over/Under tolerance
☐ Part Incorrect
☐ Part Lost/Missing
☐ Part Moved
☐ Positioned Wrong
☐ Power Loss/Surge
☐ Pressure/Forced
☐ Set-up
☐ Temperature/Cure
☐ Weld
☐ Wrong Stock Pulled
☐ Other

_____
_____
_____

Picklist Print

July-02-14 9:54:35 AM

Work Order ID: 121723 *121723*

Parent Item: D350-822-011 *D350-822-011*

Parent Item Name: PA100 PUREair System for the AS350/EC130

Start Date: 7/02/14 **Required Date:** 7/02/14

Start Qty: 1.00 **Required Qty:** 1.00

BS4320-A5 Purchased No Each 714.0000 51

BS4320-A5 DAS 38 9-89 **

Washer

DAS 06 9-89

Location	Loc Qty	Loc Code
MEZ002	714	
M129631	510	
M129632	204	

LN9038-05-14 Purchased DAS 38 9-89 No Each 0.0000 51

LN9038-05-14 **

M129836 DAS 32 9-89 DAS 06 9-89

Bolt

QD3108-BJ-05-SC Purchased No Each 70.0000 5

QD3108-BJ-05-SC DAS 38 9-89 **

Anchor nut

DAS 06 9-89

Location	Loc Qty	Loc Code
M129632	20	
M129632	20	
MEZ002	50	
M129631	50	

QD3387B3-03 Purchased No Each 140.0000 10

QD3387B3-03 **

Rivet

DAS 06 9-89

DAS 38 9-89

Location	Loc Qty	Loc Code
M129632	40	
M129632	40	
MEZ002	100	
M129631	100	

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date: Work Order update only ☐

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐
Suspected Unapproved ☐

AGAINST DEPARTMENT/PROCESS

Skid-tube ☐ Crosstube ☐ Water Jet ☐ Engineering ☐
Machining ☐ Small Fab ☐ Prod. Eng. Coor. ☐ Quality ☐
Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐
Large Fab ☐ Composite ☐ Supplier ☐

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design	☐									
Doc/Data	☐									
Equip/Tooling	☐									
Handling/Pre	☐									
Material	☐									
Operator	☐									
Offset/Setup	☐									
Process	☐									
Supplier	☐									
Training	☐									
Transport	☐									
Unapproved	☐									

FAULT CATEGORY

Landing Gear

☐ Bending
☐ Centre Not Concentric
☐ Cracks
☐ Crimp/Kink/Ripple/Wave
☐ Cuffs
☐ Crushing
☐ Heat Treat
☐ Inspection Strip in Tube
☐ Marks/Chatter
☐ Turning Sequence
☐ Wave/Twist in Tube

General

☐ Bend
☐ BOM/Route
☐ Broken/Damage/Defect
☐ Burrs
☐ Contamination
☐ Countersink
☐ Cut Too Short
☐ Drawing
☐ Drill Holes
☐ Finish
☐ Fit/Function
☐ Folio/Program
☐ Grain
☐ Hardware
☐ Inspection Incomplete/Unqualified
☐ Instructions Incomplete/Unclear
☐ Misaligned/off center
☐ Mislabeled
☐ Misread
☐ Off-set
☐ Out of Calibration
☐ Out of Sequence
☐ Outside Dimensions
☐ Over/Under tolerance
☐ Part Incorrect
☐ Part Lost/Missing
☐ Part Moved
☐ Positioned Wrong
☐ Power Loss/Surge
☐ Pressure/Forced
☐ Set-up
☐ Temperature/Cure
☐ Weld
☐ Wrong Stock Pulled
☐ Other

_____
_____
_____

Picklist Print

July-02-14 9:54:35 AM

Work Order ID: 121723 *121723*

Parent Item: D350-822-011 *D350-822-011*

Parent Item Name: PA100 PUREair System for the AS350/EC130

Start Date: 7/02/14 **Required Date:** 7/02/14

Start Qty: 1.00 **Required Qty:** 1.00

650.0401 Purchased No Each 14.0000 **

650-0401

PUREair Fairing Assembly

DAS 38 9-89

1 130067 DAS 32 9-89 DAS 06 9-89

Location	Loc Qty	Loc Code
CA	1	
m127899	1	
ST	8	
m129351	3	
m129465	5	
ST252A	5	
m129173	5	

D4925-041 Manufactured No Each 0.0000 **

D4925-041

Mounting Plate Assembly

DAS 38 9-89

1 12194 DAS 32 9-89 DAS 06 9-89

D4931-1 Manufactured No Each 8.0000 **

D4931-1

Engine Fitting (for acft models B2 & previous)

DAS 38 9-89

1 DAS 32 9-89 DAS 06 9-89

Location	Loc Qty	Loc Code
ST127	2	
113897	2	
st128	6	
119857	6	

113897

D4931-3 Manufactured No Each 26.0000 **

D4931-3

Engine Fitting (for B3 models)

DAS 38 9-89

1 DAS 32 9-89

14/7/24 DAS 06 9-89

Location	Loc Qty	Loc Code
ST127	26	
113898	1	
119858	5	
120907	20	

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date: Work Order update only ☐

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐
Suspected Unapproved ☐

AGAINST DEPARTMENT/PROCESS

Skid-tube ☐ Crosstube ☐ Water Jet ☐ Engineering ☐
Machining ☐ Small Fab ☐ Prod. Eng. Coor. ☐ Quality ☐
Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐
Large Fab ☐ Composite ☐ Supplier ☐ ☐

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design	☐									
Doc/Data	☐									
Equip/Tooling	☐									
Handling/Pre	☐									
Material	☐									
Operator	☐									
Offset/Setup	☐									
Process	☐									
Supplier	☐									
Training	☐									
Transport	☐									
Unapproved	☐									

FAULT CATEGORY

Landing Gear

☐ Bending
☐ Centre Not Concentric
☐ Cracks
☐ Crimp/Kink/Ripple/Wave
☐ Cuffs
☐ Crushing
☐ Heat Treat
☐ Inspection Strip in Tube
☐ Marks/Chatter
☐ Turning Sequence
☐ Wave/Twist in Tube

General

☐ Bend
☐ BOM/Route
☐ Broken/Damage/Defect
☐ Burrs
☐ Contamination
☐ Countersink
☐ Cut Too Short
☐ Drawing
☐ Drill Holes
☐ Finish
☐ Fit/Function
☐ Folio/Program
☐ Grain
☐ Hardware
☐ Inspection Incomplete/Unqualified
☐ Instructions Incomplete/Unclear
☐ Misaligned/off center
☐ Mislabeled
☐ Misread
☐ Off-set
☐ Out of Calibration
☐ Out of Sequence
☐ Outside Dimensions
☐ Over/Under tolerance
☐ Part Incorrect
☐ Part Lost/Missing
☐ Part Moved
☐ Positioned Wrong
☐ Power Loss/Surge
☐ Pressure/Forced
☐ Set-up
☐ Temperature/Cure
☐ Weld
☐ Wrong Stock Pulled
☐ Other

_____
_____
_____

Work Order ID: 121723 *121723*
Parent Item: D350-822-011 *D350-822-011*
Parent Item Name: PA100 PUREair System for the AS350/EC130
Start Date: 7/02/14 **Required Date:** 7/02/14
Start Qty: 1.00 **Required Qty:** 1.00

D4931-5 Manufactured No Each 28.0000 **
D4931-5
Engine Fitting (for B3e models)
DAS 38 9-89

Location	Loc Qty	Loc Code
ST127	28	
113899	1	
119859	5	
120908	22	

1 DAS 32 9-89 DAS 06 9-89 113899

D4935-1 Manufactured No Each 32.0000 **
D4935-1
Mounting Bracket
DAS 38 9-89

Location	Loc Qty	Loc Code
prelim	26	
119860	26	
ST133	6	
113900	6	

6 DAS 32 9-89 DAS 06 9-89 119860

D4943-1 Manufactured No Each 13.0000 **
D4943-1
Flex Hose
DAS 38 9-89

Location	Loc Qty	Loc Code
ST163	13	
119749	5	
119750	8	

1 DAS 32 9-89 DAS 06 9-89 119780

D4961-041 Manufactured No Each 16.0000 **
D4961-041
Tube Assembly
DAS 38 9-89

Location	Loc Qty	Loc Code
st128	16	
113902	1	
119861	5	
120910	10	

1 DAS 32 9-89 14/9/14 DAS 06 9-89 113902 NEW B137235 QTY 1

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date: Work Order update only ☐

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐
Suspected Unapproved ☐

AGAINST DEPARTMENT/PROCESS

Skid-tube ☐ Crosstube ☐ Water Jet ☐ Engineering ☐
Machining ☐ Small Fab ☐ Prod. Eng. Coor. ☐ Quality ☐
Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐
Large Fab ☐ Composite ☐ Supplier ☐

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design	☐									
Doc/Data	☐									
Equip/Tooling	☐									
Handling/Pre	☐									
Material	☐									
Operator	☐									
Offset/Setup	☐									
Process	☐									
Supplier	☐									
Training	☐									
Transport	☐									
Unapproved	☐									

FAULT CATEGORY

Landing Gear

☐ Bending
☐ Centre Not Concentric
☐ Cracks
☐ Crimp/Kink/Ripple/Wave
☐ Cuffs
☐ Crushing
☐ Heat Treat
☐ Inspection Strip in Tube
☐ Marks/Chatter
☐ Turning Sequence
☐ Wave/Twist in Tube

General

☐ Bend
☐ BOM/Route
☐ Broken/Damage/Defect
☐ Burrs
☐ Contamination
☐ Countersink
☐ Cut Too Short
☐ Drawing
☐ Drill Holes
☐ Finish
☐ Fit/Function
☐ Folio/Program
☐ Grain
☐ Hardware
☐ Inspection Incomplete/Unqualified
☐ Instructions Incomplete/Unclear
☐ Misaligned/off center
☐ Mislabeled
☐ Misread
☐ Off-set
☐ Out of Calibration
☐ Out of Sequence
☐ Outside Dimensions
☐ Over/Under tolerance
☐ Part Incorrect
☐ Part Lost/Missing
☐ Part Moved
☐ Positioned Wrong
☐ Power Loss/Surge
☐ Pressure/Forced
☐ Set-up
☐ Temperature/Cure
☐ Weld
☐ Wrong Stock Pulled
☐ Other

_____
_____
_____

Picklist Print

July-02-14 9:54:35 AM

Work Order ID: 121723 *121723*

Parent Item: D350-822-011 *D350-822-011*

Parent Item Name: PA100 PUREair System for the AS350/EC130

Start Date: 7/02/14 **Required Date:** 7/02/14

Start Qty: 1.00 **Required Qty:** 1.00

D5079-1 *D5079-1* Placard, EAPS DAS 38 9-89	Purchased	No			Each	30.0000	**	2 DAS 32 9-89 DAS 06 9-89
			Location	**Loc Qty**	**Loc Code**			
			ST130	30				12143
			121243	30				
D5090-041 *D5090-041* Duct Assembly DAS 38	Manufactured	No			Each	0.0000	**	1 12147 DAS 32 9-89 DAS 06 9-89
D5105-1 *D5105-1* Handle DAS 38 9-89	Manufactured	No			Each	44.0000	**	2 DAS 32 9-89 DAS 06 9-89
			Location	**Loc Qty**	**Loc Code**			
			ST132	44				12144
			121244	44				
D5110-1 *D5110-1* Swivel Nut Fitting DAS 38 9-89	Manufactured	No			Each	0.0000	**	1 121245 DAS 32 9-89 DAS 06 9-89
8411999090 *8411999090* Gasket	Purchased	No			Each	0.0000	**	1 121245 m/2
9752018044 *9752018044* Gasket (for B3 models) DAS 38 9-89	Purchased	No			Each	24.0000	**	1 DAS 32 9-89 DAS 06 9-89 14/7/24
			Location	**Loc Qty**	**Loc Code**			
			ST390	24				m128323
			m128323	9				
			m129550	15				

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date: Work Order update only ☐

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐
Suspected Unapproved ☐

AGAINST DEPARTMENT/PROCESS

Skid-tube ☐ Crosstube ☐ Water Jet ☐ Engineering ☐
Machining ☐ Small Fab ☐ Prod. Eng. Coor. ☐ Quality ☐
Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐
Large Fab ☐ Composite ☐ Supplier ☐

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design	☐									
Doc/Data	☐									
Equip/Tooling	☐									
Handling/Pre	☐									
Material	☐									
Operator	☐									
Offset/Setup	☐									
Process	☐									
Supplier	☐									
Training	☐									
Transport	☐									
Unapproved	☐									

FAULT CATEGORY

Landing Gear

☐ Bending
☐ Centre Not Concentric
☐ Cracks
☐ Crimp/Kink/Ripple/Wave
☐ Cuffs
☐ Crushing
☐ Heat Treat
☐ Inspection Strip in Tube
☐ Marks/Chatter
☐ Turning Sequence
☐ Wave/Twist in Tube

General

☐ Bend
☐ BOM/Route
☐ Broken/Damage/Defect
☐ Burrs
☐ Contamination
☐ Countersink
☐ Cut Too Short
☐ Drawing
☐ Drill Holes
☐ Finish
☐ Fit/Function
☐ Folio/Program
☐ Grain
☐ Hardware
☐ Inspection Incomplete/Unqualified
☐ Instructions Incomplete/Unclear
☐ Misaligned/off center
☐ Mislabeled
☐ Misread
☐ Off-set
☐ Out of Calibration
☐ Out of Sequence
☐ Outside Dimensions
☐ Over/Under tolerance
☐ Part Incorrect
☐ Part Lost/Missing
☐ Part Moved
☐ Positioned Wrong
☐ Power Loss/Surge
☐ Pressure/Forced
☐ Set-up
☐ Temperature/Cure
☐ Weld
☐ Wrong Stock Pulled
☐ Other

_____
_____
_____

Work Order ID: 121723 *121723*

Parent Item: D350-822-011 *D350-822-011*

Parent Item Name: PA100 PUREair System for the AS350/EC130

Start Date: 7/02/14 **Required Date:** 7/02/14

Start Qty: 1.00 **Required Qty:** 1.00

9945000120 Purchased No Each 24.0000 **

9945000120

Gasket (for B3e models)

DAS 38 9-89

1

DAS 06 9-89

DAS 32 9-89

Location	Loc Qty	Loc Code
ST390	24	
m128323	9	
m129550	15	

M128323

23350CA050 Purchased No Each 100.0000 **

23350CA050

WASHER

DAS 38 9-89

2

DAS 06 9-89

DAS 32 9-89

Location	Loc Qty	Loc Code
ST567	100	
m129609	100	

M129609

AN3-24A Purchased No Each 78.0000 **

AN3-24A

Bolt

DAS 38 9-89

1

DAS 06 9-89

DAS 32 9-89 14/5/24

Location	Loc Qty	Loc Code
ST348	50	
m129591	50	
ST352	28	
m128062	4	
m128356	24	

M128062

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date: Work Order update only ☐

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐
Suspected Unapproved ☐

AGAINST DEPARTMENT/PROCESS

Skid-tube ☐ Crosstube ☐ Water Jet ☐ Engineering ☐
Machining ☐ Small Fab ☐ Prod. Eng. Coor. ☐ Quality ☐
Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐
Large Fab ☐ Composite ☐ Supplier ☐ ☐

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design	☐									
Doc/Data	☐									
Equip/Tooling	☐									
Handling/Pre	☐									
Material	☐									
Operator	☐									
Offset/Setup	☐									
Process	☐									
Supplier	☐									
Training	☐									
Transport	☐									
Unapproved	☐									

FAULT CATEGORY

Landing Gear

☐ Bending
☐ Centre Not Concentric
☐ Cracks
☐ Crimp/Kink/Ripple/Wave
☐ Cuffs
☐ Crushing
☐ Heat Treat
☐ Inspection Strip in Tube
☐ Marks/Chatter
☐ Turning Sequence
☐ Wave/Twist in Tube

General

☐ Bend
☐ BOM/Route
☐ Broken/Damage/Defect
☐ Burrs
☐ Contamination
☐ Countersink
☐ Cut Too Short
☐ Drawing
☐ Drill Holes
☐ Finish
☐ Fit/Function
☐ Folio/Program
☐ Grain
☐ Hardware
☐ Inspection Incomplete/Unqualified
☐ Instructions Incomplete/Unclear
☐ Misaligned/off center
☐ Mislabeled
☐ Misread
☐ Off-set
☐ Out of Calibration
☐ Out of Sequence
☐ Outside Dimensions
☐ Over/Under tolerance
☐ Part Incorrect
☐ Part Lost/Missing
☐ Part Moved
☐ Positioned Wrong
☐ Power Loss/Surge
☐ Pressure/Forced
☐ Set-up
☐ Temperature/Cure
☐ Weld
☐ Wrong Stock Pulled
☐ Other

_____
_____
_____

Work Order ID: 121723 *121723*
Parent Item: D350-822-011 *D350-822-011*
Parent Item Name: PA100 PUREair System for the AS350/EC130
Start Date: 7/02/14 **Required Date:** 7/02/14
Start Qty: 1.00 **Required Qty:** 1.00

AN3-3A Purchased No Each 657.0000 **
AN3-3A
Bolt
DAS 38 9-89

Location	Loc Qty	Loc Code
ST350	657	
m126249	1	
m127815	4	
m128429	92	
m128973	200	
m129591	360	

24 M129706 DAS 32 9-89 DAS 06 9-89

AN821-12J Purchased No Each 18.0000 **
AN821-12J
Elbow (or AN821-12K or 12S)
DAS 38 9-89

Location	Loc Qty	Loc Code
Mezz	4	
280	4	
ST324	14	
m128356	4	
m129566	10	

21 DAS 06 9-89 DAS 32 9-89 M129706

MS20470AD3-4 Purchased No Each 7,597.000 **
MS20470AD3-4
Rivet,Universal Head
DAS 38 9-89

Location	Loc Qty	Loc Code
ST312	7597	
111477	7597	

18 14/3/24 DAS 32 9-89 DAS 06 9-89 111477

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

DART AEROSPACE

QA Closed: Date: Work Order update only ☐

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐
Suspected Unapproved ☐

AGAINST DEPARTMENT/PROCESS

Skid-tube ☐ Crosstube ☐ Water Jet ☐ Engineering ☐
Machining ☐ Small Fab ☐ Prod. Eng. Coor. ☐ Quality ☐
Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐
Large Fab ☐ Composite ☐ Supplier ☐ ☐

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design	☐									
Doc/Data	☐									
Equip/Tooling	☐									
Handling/Pre	☐									
Material	☐									
Operator	☐									
Offset/Setup	☐									
Process	☐									
Supplier	☐									
Training	☐									
Transport	☐									
Unapproved	☐									

FAULT CATEGORY

Landing Gear

☐ Bending
☐ Centre Not Concentric
☐ Cracks
☐ Crimp/Kink/Ripple/Wave
☐ Cuffs
☐ Crushing
☐ Heat Treat
☐ Inspection Strip in Tube
☐ Marks/Chatter
☐ Turning Sequence
☐ Wave/Twist in Tube

General

☐ Bend
☐ BOM/Route
☐ Broken/Damage/Defect
☐ Burrs
☐ Contamination
☐ Countersink
☐ Cut Too Short
☐ Drawing
☐ Drill Holes
☐ Finish
☐ Fit/Function

☐ Folio/Program
☐ Grain
☐ Hardware
☐ Inspection Incomplete/Unqualified
☐ Instructions Incomplete/Unclear
☐ Misaligned/off center
☐ Mislabeled
☐ Misread
☐ Off-set
☐ Out of Calibration
☐ Out of Sequence

☐ Outside Dimensions
☐ Over/Under tolerance
☐ Part Incorrect
☐ Part Lost/Missing
☐ Part Moved
☐ Positioned Wrong
☐ Power Loss/Surge

☐ Pressure/Forced
☐ Set-up
☐ Temperature/Cure
☐ Weld
☐ Wrong Stock Pulled

☐ Other

_____
_____
_____

Picklist Print

July-02-14 9:54:35 AM

Work Order ID: 121723 *121723*

Parent Item: D350-822-011 *D350-822-011*

Parent Item Name: PA100 PUREair System for the AS350/EC130

Start Date: 7/02/14 **Required Date:** 7/02/14

Start Qty: 1.00 **Required Qty:** 1.00

MS20600-AD4W4 Purchased No Each 3,612.000 **

MS20600-AD4W4 DAS 38 9-89

Rivets

Location	Loc Qty	Loc Code
ST310	3612	
125577	215	
M128429	397	
M128899	3000	

6 DAS 32 9-89 DAS 06 9-89

MS21042L3 Purchased No Each 5,481.000 **

MS21042L3 DAS 38 9-89

Nut

Location	Loc Qty	Loc Code
ST307	5481	
123900	955	
M126333	34	
M127410	13	
M127831	41	
M128401	48	
M128754	4390	

24 DAS 32 9-89 DAS 06 9-89

MS21919WCH12 Purchased DAS 38 9-89 No Each 0.0000 **

MS21919WCH12

Clamp

1 M130358 DAS 32 9-89

MS35207-279 Purchased No Each 632.0000 **

MS35207-279 DAS 38 9-89

Screw

Location	Loc Qty	Loc Code
ST281	632	
m128356	232	
m129519	100	
m129582	300	

18 68-6 14/3/14 DAS 32 DAS 06 9-89

M128356

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date: Work Order update only ☐

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐
Suspected Unapproved ☐

AGAINST DEPARTMENT/PROCESS

Skid-tube ☐ Crosstube ☐ Water Jet ☐ Engineering ☐
Machining ☐ Small Fab ☐ Prod. Eng. Coor. ☐ Quality ☐
Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐
Large Fab ☐ Composite ☐ Supplier ☐

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design	☐									
Doc/Data	☐									
Equip/Tooling	☐									
Handling/Pre	☐									
Material	☐									
Operator	☐									
Offset/Setup	☐									
Process	☐									
Supplier	☐									
Training	☐									
Transport	☐									
Unapproved	☐									

FAULT CATEGORY

Landing Gear

☐ Bending
☐ Centre Not Concentric
☐ Cracks
☐ Crimp/Kink/Ripple/Wave
☐ Cuffs
☐ Crushing
☐ Heat Treat
☐ Inspection Strip in Tube
☐ Marks/Chatter
☐ Turning Sequence
☐ Wave/Twist in Tube

General

☐ Bend
☐ BOM/Route
☐ Broken/Damage/Defect
☐ Burrs
☐ Contamination
☐ Countersink
☐ Cut Too Short
☐ Drawing
☐ Drill Holes
☐ Finish
☐ Fit/Function
☐ Folio/Program
☐ Grain
☐ Hardware
☐ Inspection Incomplete/Unqualified
☐ Instructions Incomplete/Unclear
☐ Misaligned/off center
☐ Mislabeled
☐ Misread
☐ Off-set
☐ Out of Calibration
☐ Out of Sequence
☐ Outside Dimensions
☐ Over/Under tolerance
☐ Part Incorrect
☐ Part Lost/Missing
☐ Part Moved
☐ Positioned Wrong
☐ Power Loss/Surge
☐ Pressure/Forced
☐ Set-up
☐ Temperature/Cure
☐ Weld
☐ Wrong Stock Pulled
☐ Other _____

Work Order ID: 121723 *121723*
Parent Item: D350-822-011 *D350-822-011*
Parent Item Name: PA100 PUREair System for the AS350/EC130
Start Date: 7/02/14 **Required Date:** 7/02/14
Start Qty: 1.00 **Required Qty:** 1.00

MS35207-280 Purchased No Each 148.0000 **
MS35207-280
Screw
DAS 38 9-89

Location	Loc Qty	Loc Code
ST282	148	
m128356	98	
m129591	50	

2 DAS 32 9-89 DAS 06 9-89

NAS1149C0432R Purchased No Each 2,968.000 **
NAS1149C0432R
WASHER
DAS 38 9-89

Location	Loc Qty	Loc Code
ST278	2968	
119124	6	
121255	2	
122441	31	
m125807	1389	
m126221	1540	

m128356
20 DAS 32 9-89 DAS 06 9-89

NAS1149D0332J Purchased No Each 3,142.000 **
NAS1149D0332J
Washer
DAS 38 9-89

Location	Loc Qty	Loc Code
ST276	3142	
m128606	217	
m128612	2725	
m129624	200	

m126221
51 DAS 32 9-89 DAS 06 9-89

1926
1926

NAS43DD3-131 Purchased No Each 28.0000 **
NAS43DD3-131
Spacer
DAS 38 9-89

Location	Loc Qty	Loc Code
ST271	28	
m128057	8	
m129519	20	

m128612
15 DAS 32 9-89 4/3/24 DAS 06 9-89

m128057

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date: Work Order update only ☐

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐
Suspected Unapproved ☐

AGAINST DEPARTMENT/PROCESS

Skid-tube ☐ Crosstube ☐ Water Jet ☐ Engineering ☐
Machining ☐ Small Fab ☐ Prod. Eng. Coor. ☐ Quality ☐
Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐
Large Fab ☐ Composite ☐ Supplier ☐ ☐

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design	☐									
Doc/Data	☐									
Equip/Tooling	☐									
Handling/Pre	☐									
Material	☐									
Operator	☐									
Offset/Setup	☐									
Process	☐									
Supplier	☐									
Training	☐									
Transport	☐									
Unapproved	☐									

FAULT CATEGORY

Landing Gear

☐ Bending
☐ Centre Not Concentric
☐ Cracks
☐ Crimp/Kink/Ripple/Wave
☐ Cuffs
☐ Crushing
☐ Heat Treat
☐ Inspection Strip in Tube
☐ Marks/Chatter
☐ Turning Sequence
☐ Wave/Twist in Tube

General

☐ Bend
☐ BOM/Route
☐ Broken/Damage/Defect
☐ Burrs
☐ Contamination
☐ Countersink
☐ Cut Too Short
☐ Drawing
☐ Drill Holes
☐ Finish
☐ Fit/Function
☐ Folio/Program
☐ Grain
☐ Hardware
☐ Inspection Incomplete/Unqualified
☐ Instructions Incomplete/Unclear
☐ Misaligned/off center
☐ Mislabeled
☐ Misread
☐ Off-set
☐ Out of Calibration
☐ Out of Sequence
☐ Outside Dimensions
☐ Over/Under tolerance
☐ Part Incorrect
☐ Part Lost/Missing
☐ Part Moved
☐ Positioned Wrong
☐ Power Loss/Surge
☐ Pressure/Forced
☐ Set-up
☐ Temperature/Cure
☐ Weld
☐ Wrong Stock Pulled
☐ Other

_____
_____
_____

Picklist Print

July-02-14 9:54:36 AM

Work Order ID: 121723 *121723*

Parent Item: D350-822-011 *D350-822-011*

Parent Item Name: PA100 PUREair System for the AS350/EC130

Start Date: 7/02/14 **Required Date:** 7/02/14

Start Qty: 1.00 **Required Qty:** 1.00

AN929-12J *AN929-12J* Cap	Purchased	No		Each	15.0000	**

DAS 32 9-89

DAS 06 9-89

DAS	Location	Loc Qty	Loc Code
38 9-89	CA	15	
	m129591	15	

129591 14/8/24 (1)

DSI 9723-011 B137828 QTY 1

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date: Work Order update only ☐

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐
Suspected Unapproved ☐

AGAINST DEPARTMENT/PROCESS

Skid-tube ☐ Crosstube ☐ Water Jet ☐ Engineering ☐
Machining ☐ Small Fab ☐ Prod. Eng. Coor. ☐ Quality ☐
Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐
Large Fab ☐ Composite ☐ Supplier ☐

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design	☐									
Doc/Data	☐									
Equip/Tooling	☐									
Handling/Pre	☐									
Material	☐									
Operator	☐									
Offset/Setup	☐									
Process	☐									
Supplier	☐									
Training	☐									
Transport	☐									
Unapproved	☐									

FAULT CATEGORY

Landing Gear

☐ Bending
☐ Centre Not Concentric
☐ Cracks
☐ Crimp/Kink/Ripple/Wave
☐ Cuffs
☐ Crushing
☐ Heat Treat
☐ Inspection Strip in Tube
☐ Marks/Chatter
☐ Turning Sequence
☐ Wave/Twist in Tube

General

☐ Bend
☐ BOM/Route
☐ Broken/Damage/Defect
☐ Burrs
☐ Contamination
☐ Countersink
☐ Cut Too Short
☐ Drawing
☐ Drill Holes
☐ Finish
☐ Fit/Function
☐ Folio/Program
☐ Grain
☐ Hardware
☐ Inspection Incomplete/Unqualified
☐ Instructions Incomplete/Unclear
☐ Misaligned/off center
☐ Mislabeled
☐ Misread
☐ Off-set
☐ Out of Calibration
☐ Out of Sequence
☐ Outside Dimensions
☐ Over/Under tolerance
☐ Part Incorrect
☐ Part Lost/Missing
☐ Part Moved
☐ Positioned Wrong
☐ Power Loss/Surge
☐ Pressure/Forced
☐ Set-up
☐ Temperature/Cure
☐ Weld
☐ Wrong Stock Pulled
☐ Other

_____
_____
_____

CUSTOMER-SUPPLIED

AIR INSPECTION LISTING DART M#12963

INCLUDED IN QB 05008 BATCH # RD14004915, 10 KITS

- X10 QB 21310 RD14004915
- X10 QB 21208 RD14004915
- 10 QB21304 RD14004915
- 10 QR10616 RD14003348

S/N RA5 3461, RA5 3457, RA5 3459, RA5 3460, RA5 3458,

RA5 3455, RA5 3464, RA5 3463, RA5 3462, RA5 3456

PURCHASED ON DART PO# 24774 PALL ORDER NO. 5038732

COPY OF ALL RECEIVING PAPERS ATTACHED TO THIS PAMPHLET

ORIGINALS KEPT IN QC OFFICE UNDER M#129631 PO# 24774 IN MATERIAL CERTS CABINET

Notes

Here at Dart Hawkesbury for consignment only

Inspected By

Sylvain Boyer (DAS 27 stamp)

Sylvain Boyer DAS 27 9-89

Date 2014/06/27

(yyyy/mm/dd)

Pall Corporation
EUROPE LTD
Aerospace Division
Cardrew Industrial Estate, Redruth, Cornwall, TR15 1SS, UK
Tel No. 00 44 (0)1209 884200
Fax No. 00 44(0)1209 884310

Certificate Ref No. 0108348

CERTIFICATE OF CONFORMITY

Consignee	Customer's Order No	Pall Order Nos
Dart Aerospace Ltd 1270 Aberdeen Street Hawkesbury K6A 1K7 Ontario CANADA	PA100 Consignment	*SAP:* 5038432

Item	Part No	Iss	Qty	Batch No	Description	Edition No	Remarks
10	QB05008	2	10	RD14004915	PUREair AC Kit	RA5-3455 to 3464 inc	

DDP 642 issue 1 REFERS.
(FOD QB21308 limited to 5000 flight hours).

"Collaborative Product Development Test Program"

FAIR No: 20146961 refers.

Note - QB05008 Kit is of below parts:
QB21304, QB21310 & QB21308

Certificate of Conformity

Certified that the whole of the supplies hereon have been manufactured, inspected, tested and unless otherwise stated above, conform in all respects with the requirements of the contract or order. The Quality Control arrangements adopted in respect of these supplies have accorded with the conditions of our AS/EN 9100 Approval.

Signed: **Date:** 17/06/2014

Ian England - Team Leader EAPs - 3105
Electronically signed* for and on behalf of Pall Aerospace
A Division of Pall Europe Ltd

**This signature is controlled by the above signatory's unique password*

AS/EN 9100 Rev. C
Reg. No. LRQ 0871328
Pall Europe Limited
Aerospace Divison

MOD Reassurance

This is to certify that within the provsions of STANAG 4107 the supplies and (or) services identified hereon have been subject to government quality assurance and are considered to comply with the provisions of the applicable contract.

Signed: _____ **Date:** _____

NQAR

ISO 9001 - Electronic Issue 3 PAQP 222 refers

Pall Corporation

Pall AeroPower Aerospace

AS/EN/SJAC 9102 Rev A First Article Inspection
Form 2: Product Accountability - Raw Material, Specifications and Special Process(s), Functional Testing

1. Part Number	2. Part Name		3. Serial Number		4. FAI Report Number
QB05008	ASSEMBLYSEPARATOR ENGINE AIR PARTICLE		RA5-3455		20146961
5. Material or Process Name	**6. Specification Number**	**7.Code**	**8. Special Process Supplier Code**	**9. Customer Approval Verification (Yes/No/NA)**	**10. Certificate of Conformance Number**
bonding resistance check	ATPB05008				101274027

11. Functional Test Procedure Number	12. Acceptance report number, if applicable

13. Comments		
ECR 39670 INCORPORATED		
14. Prepared By Robert Todd	**QC Stamp:** MQC 61561	**15. Date** 16/06/2014

Please note signature has been electronically generated from a unique password

Pall Corporation

Pall AeroPower Aerospace

AS/EN/SJAC 9102 Rev A First Article Inspection
Form 3: Characteristic Accountability, Verification and Compatibility Evaluation

1. Part Number	2. Part Name	3. Serial Number	4. FAI Report
QB05008	ASSEMBLYSEPARATOR ENGINE AIR PARTICLE	RA5-3455	20146961

Characteristic Accountability				Inspection / Test Results			
5. Char No.	6. Reference Location	7. Characteristic Designator	8. Requirement	9. Results	10. Designed Tooling	11. Non-conformance No.	14. (Insert columns, etc as required by Organisation or Customer)
1		BONDING CHECK	100MILIOHMS	11MILIOHMS	OHMMETER 611-953		

The signature indicates that all characteristics are accounted for; meet drawing requirements or are properly documented for disposition.

12. Prepared By Robert Todd	QC Stamp: MQC 61561	13. Date 16/06/2014

Please note signatures have been electronically generated from unique passwords

Certificate Ref No. 0108348

PALL Pall Corporation
PALL EUROPE LTD
Pall Aerospace Division
Cardrew Industrial Estate, Redruth, Cornwall, TR15 1SS, UK
Tel No. 00 44 (0)1209 884200
Fax No. 00 44(0)1209 884310

CERTIFICATE OF CONFORMITY

Consignee	Contract / Order No.	Pall Order No.
Dart Aerospace Ltd 1270 Aberdeen Street Hawkesbury K6A 1K7 Ontario CANADA	PA100 Consignment	*SAP:* 5038432

Item	Part No.	Qty	Qty	Batch No.	Description	Serial No.	Remarks
10	QB05008	2	10	RD14004915	PUREair AC Kit	RA5-3455 to 3464 inc	

DDP 642 Issue 1 REFERS.
(FOD QB21308 limited to 5000 flight hours).

"Collaborative Product Development Test Program"

FAIR No: 20146961 refers.

Note - QB05008 Kit is of below parts:
QB21304, QB21310 & QB21308

Certificate of Conformity

Certified that the whole of the supplies hereon have been manufactured, inspected, tested and unless otherwise stated above, conform in all respects with the requirements of the contract or order. The Quality Control arrangements adopted in respect of these supplies have accorded with the conditions of our AS/EN 9100 Approval.

Signed: **Date:** 17/06/2014

Ian England - Team Leader EAPs - 3105
Electronically signed* for and on behalf of Pall Aerospace
A Division of Pall Europe Ltd

**This signature is controlled by the above signatory's unique password*

AS/EN 9100 Rev. C
Reg. No. LRQ 0871328
Pall Europe Limited
Aerospace Divison

MOD Reassurance

This is to certify that within the provsions of STANAG 4107 the supplies and (or) services identified hereon have been subject to government quality assurance and are considered to comply with the provisions of the applicable contract.

Signed: _____ **Date:** _____

NQAR

ISO 9001 - Electronic Issue 3 PAQP 222 refers

Pall Corporation

Pall AeroPower Aerospace

AS/EN/SJAC 9102 Rev A First Article Inspection
Form 1: Part Number Accountability

1. Part Number QB05008	**2. Part Name** ASSEMBLYSEPARATOR ENGINE AIR PARTICLE	**3. Serial Number** RA5-3455	**4. FAI Report Number** 20146961
5. Part Revision Level 2A	**6. Drawing Number** QB05008	**7. Drawing Revision Level** 2A	**8. Additional Changes**
9. Manufacturing Process Reference 101274027	**10. Organisation Name** Internal	**11. Supplier Code**	**12. P.O. Number**
13. FAI Type	**14. FAI Type**	**Baseline Part Number including revision level**	
	Reason for Partial FAI: ECR 39670 incorporated bonding resistance check added in line with ATP requirements.		

a) If above part number is a detail part only, go to field 19
b) if above part number is an assembly, go to the "INDEX" section below.

INDEX of part numbers or sub-assembly numbers required to make the assembly noted above.

15. Part Number	16. Part Name	17. Part Serial Number	18. FAI Report Number

1) Signature indicates that all characteristics are accounted for; meet drawing requirements or are properly documented for disposition.
2) Also indicate if the FAI is complete per Section 5.4: FAI Complete

19. Signature Robert Todd	**QC Stamp:** MQC 61561	**20. Date** 16/06/2014
23. Customer Approval		**24. Date**

Please note signatures have been electronically generated from unique passwords

Form 1, 9102 Rev A, Date: Oct 31 2003

Pass/Accepted/Fail: PASS

Work Order ID 121724

121724

July-02-14 9:54:43 AM

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Item ID: D350-822-011

Revision ID:

Item Name: PA100 PUREair System for the AS350/EC130

Start Date: 7/02/14 **Start Qty:** 1.00 *1*

Required Date: 7/02/14 **Req'd Qty:** 1.00 *1*

Reference:

Cust Item ID:

Customer:

Run Start *NR1*

Stop *NR2*

Approvals: **Process Plan:** MLS **Date:** 14-07-02 **Tooling:** **Date:**

QC: **Date:** **SPC (Y/N):** **Date:**

Draw Nbr	Revision Nbr
IIN-D350-822	C

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
100	DOCUMENT CONTROL	0.00				MLS	1409-24		
100									
DC	**Memo**	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP D350-822-011 CHG003 see attachment								
110	Pick Kit	0.00							
110									
Packaging	**Memo**	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	**Memo**	0.00							
Quality Control									

Change Record

Part Number: D350-822-011

Description: PA100 PUREAIR SYSTEM

CHG #	DATE	BY	RELEVANT DOCUMENTS	ECN #
001	14.06.17	KJ	IIN-D350-822 REV C, ICA-D350-822 REV 0, FMS-D350-822 REV A,	14-577
			D4925, D4943 REV C, D4935 REV B, D5079, D5090, D5105, D5110 REV A	

DAS
38
9-89

5.0 PARTS LIST

QTY -011	PART NUMBER	DESCRIPTION
X	D350-822-011	PA100 PUREAIR SYSTEM
1	QB21304	PUREAIR PANEL ASSY
1	QB21310	TRANSITION DUCT ASSY
1	QB21308	FOD SCREEN ASSY
51	BS4320-A5	WASHER
51	LN9038-05-14	BOLT
5	QD3108-BJ-05-SC	ANCHOR NUT
10	QD3387B3-03	RIVET
1	650.0401	PUREAIR FAIRING ASSY
1	D4925-041	MOUNTING PLATE ASSY
1	D4931-1	ENGINE FITTING (FOR ACFT MODELS B2 AND PREVIOUS)
1	D4931-3	ENGINE FITTING (FOR B3 MODELS)
1	D4931-5	ENGINE FITTING (FOR B3e MODELS)
6	D4935-1	MOUNTING BRACKET
1	D4943-1	FLEX HOSE
1	D4961-041	TUBE ASSEMBLY
2	D5079-1	PLACARD
1	D5090-041	DUCT ASSEMBLY
2	D5105-1	HANDLE
1	D5110-1	SWIVEL NUT FITTING
1	8411999090	GASKET (FOR B2 MODELS AND PREVIOUS)
1	9752018044	GASKET (FOR B3 MODELS)
1	9945000120	GASKET (FOR B3e MODELS)
2	23350CA050	LOCKING TAB
1	AN3-24A	BOLT
24	AN3-3A	BOLT
1	AN821-12J	ELBOW (OR AN821-12K OR AN821-12S)
18	MS20470AD3-4	RIVET
6	MS20600AD4W4	RIVET
24	MS21042L3	NUTS
1	MS21919WHG12	CLAMP
18	MS35207-279	SCREW
2	MS35207-280	SCREW
20	NAS1149C0432R	WASHER
51	NAS1149D0332J	WASHER
1	NAS43DD3-131	SPACER
1	AN929-12J	CAP

• COPYRIGHT © 2013 BY DART AEROSPACE LTD •
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

CUSTOMER-SUPPLIED

AIR INSPECTION LISTING DART M#12963

INCLUDED IN QB 05008 BATCH # RD14004915, 10 KITS

- X10 QB 21310 RD14004915
- X10 QB 21208 RD14004915
- 10 QB21304 RD14004915
- 10 QR10616 RD14003348

S/N RA5 3461, RA5 3457, RA5 3459, RA5 3460, RA5 3458,

RA5 3455, RA5 3464, RA5 3463, RA5 3462, RA5 3456

PURCHASED ON DART PO# 24774 PALL ORDER NO. 5038732

COPY OF ALL RECEIVING PAPERS ATTACHED TO THIS PAMPHLET

ORIGINALS KEPT IN QC OFFICE UNDER M#129631 PO# 24774 IN MATERIAL CERTS CABINET

Notes

Here at Dart Hawkesbury for consignment only

Inspected By

Sylvain Boyer (DAS 27 stamp)

Sylvain Boyer DAS 27 9-89

Date 2014/06/27

(yyyy/mm/dd)

Pall Corporation
EUROPE LTD
Aerospace Division
Cardrew Industrial Estate, Redruth, Cornwall, TR15 1SS, UK
Tel No. 00 44 (0)1209 884200
Fax No. 00 44(0)1209 884310

Certificate Ref No. 0108348

CERTIFICATE OF CONFORMITY

Consignee	Customer Order No.	Pall Order No.
Dart Aerospace Ltd 1270 Aberdeen Street Hawkesbury K6A 1K7 Ontario CANADA	PA100 Consignment	*SAP:* 5038432

Item	Part No	UI	Qty	Batch No	Description	Serial No	Remarks
10	QB05008	2	10	RD14004915	PUREair AC Kit	RA5-3455 to 3464 inc	

DDP 642 issue 1 REFERS.
(FOD QB21308 limited to 5000 flight hours).

"Collaborative Product Development Test Program"

FAIR No: 20146961 refers.

Note - QB05008 Kit is of below parts:
QB21304, QB21310 & QB21308

Certificate of Conformity

Certified that the whole of the supplies hereon have been manufactured, inspected, tested and unless otherwise stated above, conform in all respects with the requirements of the contract or order. The Quality Control arrangements adopted in respect of these supplies have accorded with the conditions of our AS/EN 9100 Approval.

Signed: **Date:** 17/06/2014

Ian England - Team Leader EAPs - 3105
Electronically signed* for and on behalf of Pall Aerospace
A Division of Pall Europe Ltd

**This signature is controlled by the above signatory's unique password*

AS/EN 9100 Rev. C
Reg. No. LRQ 0871328
Pall Europe Limited
Aerospace Divison

MOD Reassurance

This is to certify that within the provsions of STANAG 4107 the supplies and (or) services identified hereon have been subject to government quality assurance and are considered to comply with the provisions of the applicable contract.

Signed: _____ **Date:** _____

NQAR

ISO 9001 - Electronic Issue 3 PAQP 222 refers

PALL Pall Corporation

Pall AeroPower Aerospace

AS/EN/SJAC 9102 Rev A First Article Inspection
Form 2: Product Accountability - Raw Material, Specifications and Special Process(s), Functional Testing

1. Part Number	2. Part Name		3. Serial Number		4. FAI Report Number
QB05008	ASSEMBLYSEPARATOR ENGINE AIR PARTICLE		RA5-3455		20146961
5. Material or Process Name	**6. Specification Number**	**7.Code**	**8. Special Process Supplier Code**	**9. Customer Approval Verification (Yes/No/NA)**	**10. Certificate of Conformance Number**
bonding resistance check	ATPB05008				101274027
11. Functional Test Procedure Number	**12. Acceptance report number, if applicable**				
13. Comments ECR 39670 INCORPORATED					
14. Prepared By Robert Todd	**QC Stamp:** MQC 61561		**15. Date** 16/06/2014		

Please note signature has been electronically generated from a unique password

PALL Pall Corporation

Pall AeroPower Aerospace

AS/EN/SJAC 9102 Rev A First Article Inspection
Form 3: Characteristic Accountability, Verification and Compatibility Evaluation

1. Part Number	2. Part Name	3. Serial Number	4. FAI Report
QB05008	ASSEMBLYSEPARATOR ENGINE AIR PARTICLE	RA5-3455	20146961

Characteristic Accountability				Inspection / Test Results			
5. Char No.	6. Reference Location	7. Characteristic Designator	8. Requirement	9. Results	10. Designed Tooling	11. Non-conformance No.	14. (Insert columns, etc as required by Organisation or Customer)
1		BONDING CHECK	100MILIOHMS	11MILIOHMS	OHMMETER 611-953		

The signature indicates that all characteristics are accounted for; meet drawing requirements or are properly documented for disposition.

12. Prepared By	QC Stamp:	13. Date
Robert Todd	MQC 61561	16/06/2014

Please note signatures have been electronically generated from unique passwords

Certificate Ref No. 0108348

PALL Pall Corporation

PALL EUROPE LTD
Pall Aerospace Division
Cardrew Industrial Estate, Redruth, Cornwall, TR15 1SS, UK
Tel No. 00 44 (0)1209 884200
Fax No. 00 44(0)1209 884310

CERTIFICATE OF CONFORMITY

Consignee	Our Item / Order No.	Pall Order No.
Dart Aerospace Ltd 1270 Aberdeen Street Hawkesbury K6A 1K7 Ontario CANADA	PA100 Consignment	***SAP:*** 5038432

Item	Reference	Unit	Qty	Part No.	Description	Serial No.	Remarks
10	QB05008	2	10	RD14004915	PUREair AC Kit	RA5-3455 to 3464 inc	

DDP 642 Issue 1 REFERS.
(FOD QB21308 limited to 5000 flight hours).

"Collaborative Product Development Test Program"

FAIR No: 20146961 refers.

Note - QB05008 Kit is of below parts:
QB21304, QB21310 & QB21308

Certificate of Conformity

Certified that the whole of the supplies hereon have been manufactured, inspected, tested and unless otherwise stated above, conform in all respects with the requirements of the contract or order. The Quality Control arrangements adopted in respect of these supplies have accorded with the conditions of our AS/EN 9100 Approval.

Signed: **Date:** 17/06/2014

Ian England - Team Leader EAPs - 3105
Electronically signed* for and on behalf of Pall Aerospace
A Division of Pall Europe Ltd

**This signature is controlled by the above signatory's unique password*

AS/EN 9100 Rev. C
Reg. No. LRQ 0871328
Pall Europe Limited
Aerospace Divison

MOD Reassurance

This is to certify that within the provsions of STANAG 4107 the supplies and (or) services identified hereon have been subject to government quality assurance and are considered to comply with the provisions of the applicable contract.

Signed: _____ **Date:** _____

NQAR

ISO 9001 - Electronic Issue 3 PAQP 222 refers

Pall Corporation

Pall AeroPower Aerospace

AS/EN/SJAC 9102 Rev A First Article Inspection
Form 1: Part Number Accountability

1. Part Number QB05008	**2. Part Name** ASSEMBLYSEPARATOR ENGINE AIR PARTICLE	**3. Serial Number** RA5-3455	**4. FAI Report Number** 20146961
5. Part Revision Level 2A	**6. Drawing Number** QB05008	**7. Drawing Revision Level** 2A	**8. Additional Changes**
9. Manufacturing Process Reference 101274027	**10. Organisation Name** Internal	**11. Supplier Code**	**12. P.O. Number**
13. FAI Type	**14. FAI Type**	**Baseline Part Number including revision level**	
	Reason for Partial FAI: ECR 39670 incorporated bonding resistance check added in line with ATP requirements.		

a) If above part number is a detail part only, go to field 19
b) if above part number is an assembly, go to the "INDEX" section below.

INDEX of part numbers or sub-assembly numbers required to make the assembly noted above.

15. Part Number	16. Part Name	17. Part Serial Number	18. FAI Report Number

1) Signature indicates that all characteristics are accounted for; meet drawing requirements or are properly documented for disposition.
2) Also indicate if the FAI is complete per Section 5.4: FAI Complete

19. Signature Robert Todd	**QC Stamp:** MQC 61561	**20. Date** 16/06/2014
23. Customer Approval		**24. Date**

Please note signatures have been electronically generated from unique passwords

Form 1, 9102 Rev A, Date: Oct 31 2003

Pass/Accepted/Fail: PASS

Work Order ID 121723

July-02-14 9:54:32 AM

121723

SEP 3 2 2014

Item ID: D350-822-011 **Accept** *N9000040100* **Setup Start** *NS1*

Revision ID: **Stop** *NS2*

Item Name: PA100 PUREair System for the AS350/EC130

Start Date: 7/02/14 **Start Qty:** 1.00 *1*

Required Date: 7/02/14 **Req'd Qty:** 1.00 *1*

Reference:

Cust Item ID:

Customer:

Approvals: **Process Plan:** MLJ **Date:** 14-07-02 **Tooling:** _____ **Date:** _____ **Run Start** *NR1*

QC: _____ **Date:** _____ **SPC (Y/N):** _____ **Date:** _____ **Stop** *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	**Revision Nbr**								
IIN-D350-822	C								
100		0.00							
100	DOCUMENT CONTROL								
DC	**Memo**	0.00					MLJ	14-07-24	
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP D350-822-011	CHG003 001 see attachment							
110	Pick Kit	0.00							
110									
Packaging	**Memo**	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	**Memo**	0.00							
Quality Control									

Change Record

Part Number: D350-822-011

Description: PA100 PUREAIR SYSTEM

CHG #	DATE	BY	RELEVANT DOCUMENTS	ECN #
001	14.06.17	KJ	IIN-D350-822 REV C, ICA-D350-822 REV 0, FMS-D350-822 REV A,	14-577
			D4925, D4943 REV C, D4935 REV B, D5079, D5090, D5105, D5110 REV A	